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NUR 295T.01: Advanced Physiological Needs

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THE UNIVERSITY OF MONTANA – COLLEGE OF TECHNOLOGY
REGISTER NURSE PROGRAM
NUR 295 – ADVANCED PHYSIOLOGICAL NEEDS
COURSE OVERVIEW

COURSE NAME AND NUMBER:

NUR 295 – Advanced Physiological Needs

CREDITS AND TIME ALLOTMENT:

Credits: 3

PREREQUISITE COURSES:

Mental Health Nursing

Transition for LPN – RN

Taken concurrently with Leadership and Management

COURSE DESCRIPTION:

Advanced theories from nutrition, pharmacology, psychosocial and biological sciences, with the integration of cultural diversity essential to applying the nursing process, utilizing Maslow's Hierarchy of Needs theory to provide care for the adult patient experiencing major health alterations in the acute care settings and community environments. Instruction is augmented by supervised clinical experiences in cooperating hospitals and selected agencies.

COURSE OBJECTIVES:

1. Describe the pathophysiological basis of specific disease processes.
2. Assess and identify common symptoms present in specific disease processes.
3. Identify specific etiologic factors related to specific disease processes.
4. Utilize laboratory data and clinical manifestations of specific disease processes.
5. Describe collaborative management strategies used to maintain and or restore health of specific diseases processes.
6. Critically analyze differences of patients and care as related to specific disease processes.
7. Develop an appropriate plan of care for patients of specific disease processes.
8. Evaluate the effectiveness of nursing interventions, medication and treatment prescribed to treat specific disease processes.

METHODS OF INSTRUCTION:

1. On-line instruction
2. Classroom lecture, discussion, & presentations
3. Selected reference readings
4. Written assignments

METHOD OF EVALUATION:

1. Written assignments &/or study guides
2. Black Board examinations

REQUIRED TEXTBOOKS:

1. Ignatavicius, D. and Workman, M. (2006). Medical – Surgical Nursing. Critical Thinking For Collaborative Care, (5th Edition). Elsevier Inc.
2. Jarvis C. (2000). Physical Examination & Health Assessment, (5th Edition). Elsevier/Saunders
3. Lehne R. A. ((2004). Pharmacology For Nursing Care, (5th Edition). Evolve
4. Nursing dictionary of choice.
5. Nursing drug book of choice.

COURSE OUTLINE:

Section 1: (Week 1)

Unit 1 – Problem Solving, Decision Making, and Critical Thinking (Ignatavicius & Workman (Chapter 1, pp 2-6)

Unit 2 – Health Perception and Health Maintenance (Ignatavicius & Workman Chapter 1, pp 3-8)

Unit 3 – Assessment (Jarvis Chapters 9, 23 and Unit III)

Unit 4 – Evaluating Patient Care and Outcomes (Ignatavicius & Workman Chapter 1, pp 11-16)

Test – Quizzes will be posted throughout to assist in preparation for the test

Section 2:

Unit 5 - Fluid and Electrolyte Imbalances. Ignatavicius & Workman (Chapters 14 – 19, pp 194-291) & Lehne (Chapters 39, 40 pp 399-415)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 6 – Respiratory Imbalances. Ignatavicius & Workman (Chapters 30-35, pp 524-673) & Lehne (Chapters 71, 72 pp 796-819)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 7 – Cardiovascular Imbalances. Ignatavicius & Workman (Chapters 36-41 pp 676-867) & Lehne (Chapters 41-51 pp 416-572)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 8 – Hematological Imbalances. Ignatavicius & Workman (Chapters 42-43 Pp 870-919) & Lehne (Chapters 63-68, 79-96 pp 703-767, 873- 1097)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 9 – Neurological Imbalances. Ignatavicius & Workman (Chapters 44-48 Pp 922-1005) & Lehne (Chapters 12-24 pp 92-281)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 10 - Sensory Imbalances. Ingnatavicius & Workman (Chapters 49-52 Pp 1072-1142) & Lehne (Chapters 100, 102 pp 1098-1106, 1121-1126)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 11 - Musculoskeletal Imbalances. Ingnatavicius & Workman (Chapters 53-55 Pp 1144-1227) & Lehne (Chapters 69,70 pp 768-795)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 12 – Gastrointestinal Imbalances. Ingnatavicius & Workman (Chapters 56-64 Pp 1230-1441) & Lehne (Chapters 73-78 pp 820-872)

Test – Quizzes will be posted throughout to assist in preparation for test

Unit 13 – Renal/Urinary Imbalances. Ingnatavicius & Workman (Chapters 72-75 Pp 1652-1766) & Lehne (Repeat of chapter 39 pp399-410)

Test - Quizzes will be posted throughout to assist in preparation for test

Unit 14 – Endocrine Imbalances. Ingnatavicius & Workman (Chapters 65-68 Pp 1444-1554) & Lehne (Chapters 54-58 pp 595-654)

Test – Quizzes will be posted throughout to assist in preparation for test

- All assignments, quizzes and test will be posted on Blackboard. Assignments can be discussed among the class on the discussion board of Blackboard. The answers to each question should not be posted, but do discuss them as I want this to be a group learning and see us all helping each other succeed through this course.
- I know this outline seem like an impossible task to complete in such a short time, but remember you are already nurses who has had this material in the past and work with each day. Some of it will be a review or and extension of what you already know. We will get through it as a team. We are all here together to help each other succeed.
- Since this is a first time class, any discussions, ideas, suggestions, etc. will be much appreciated. Just post it on the discussion board and we can all look at it together.

**NUR 295 – ADVANCED PHYSIOLOGICAL NEEDS
COURSE DUE DATES & GRADING SYSTEM**

Due Dates:

Unit 1 - 4	May 30, 2006
Unit 5 & 6	June 5, 2006
Unit 7	June 12, 2006
Unit 8	June 19, 2006
Unit 9	June 26, 2006
Unit 10 & 11	July 3, 2006
Unit 12 & 13	July 10, 2006
Unit 14	July 17

Grade Weights:

Unit Assignments	30%
Quizzes	20%
Tests	50%

Grades and Final Grades:

A	90%-100%
B	80%-89%
C	70%-79%

D 60%-69%

All assignments must be turned in on time to receive credit unless prearranged with instructor.

A final grade of a B or above must be achieved to pass the course.